Waste/recycle sets

Premium TANDEM and TANDEMBOX solutions for waste/recycle cabinets

SERVO-DRIVE
inside
BLUMOTION
inside

Waste/recycle
solutions for every kitchen

Blum's new TANDEM and TANDEMBOX waste/recycle sets are the premium solutions for waste/recycle cabinets in the kitchen. They feature BLUMOTION soft closing and TANDEM smooth running action.

With the SERVO-DRIVE touch-to-open feature, drawers open automatically with just a touch of the drawer front or a light pull of the handle. Customers will be amazed by the quality and ease of use.

Other applications

Interior roll-out

Bottom mount

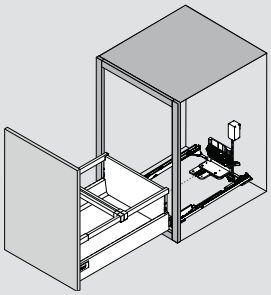
TANDEMBOX waste/recycle set with SERVO-DRIVE

Application

Description

- Pre-assembled bottom mount solution
- TANDEMBOX heavy duty full extension drawer system
- For 12", 15" and 18" minimum opening widths
- For face frame and panel applications
- Three-dimensional drawer front adjustment
- Maximum **6** (1/4") cabinet bottom recess
- TANDEM smooth running action
- 175 lb static, 150 lb dynamic load rating
- SERVO-DRIVE touch-to-open feature

Basic components



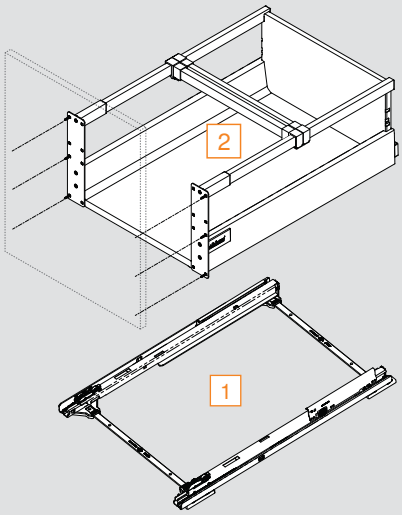
NOTE: Bins not included

Components

TANDEMBOX waste/recycle set

SERVO-DRIVE inside

BLUMOTION inside

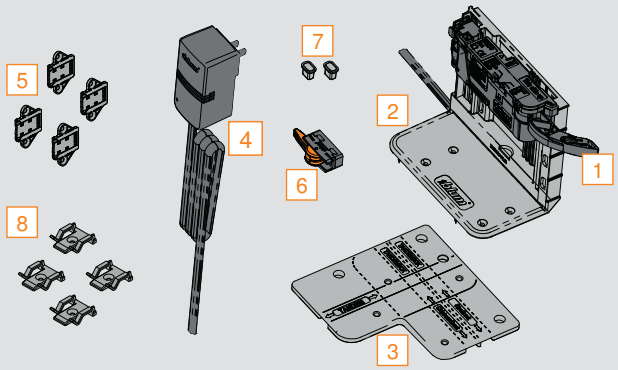


Set includes:

1. TANDEMBOX heavy duty runner set with pre-mounted #6 x 1" wood screws for installation (qty 8)
2. Pre-assembled silk white TANDEMBOX drawer
- Installation template and instructions
- #6 x 5/8" wood screws for attachment to drawer front (qty 10)
- TANDEMBOX cover caps (qty 2)

TANDEMBOX waste/recycle set	Drawer length	Part no.
For 12" min. opening width	**550** (21-5/8")	**356M55B7SAB**
For 15" min. opening width	**550** (21-5/8")	**356M55B7SAD**
For 18" min. opening width	**550** (21-5/8")	**356M55B7SAF**

SERVO-DRIVE waste/recycle set



Set includes:

1. Drive unit (pre-attached)
2. Double bottom bracket with #6 x 1" wood screws (qty 2)
3. Adapter plate
4. 110V plug-in power supply with six feet of universal cable
5. Screw-on distance bumpers (qty 4) with #6 x 5/8" wood screws for installation (qty 8)
6. INSERTA cable connector
7. Cable end protectors (qty 2)
8. Cable clips (qty 4)
- Installation template, instructions and user manual

SERVO-DRIVE waste/recycle set	Part no.
	Z10NA20UGUS

NOTE: Power supply will operate up to two drive units in a double bottom bracket application (second drive unit sold separately)

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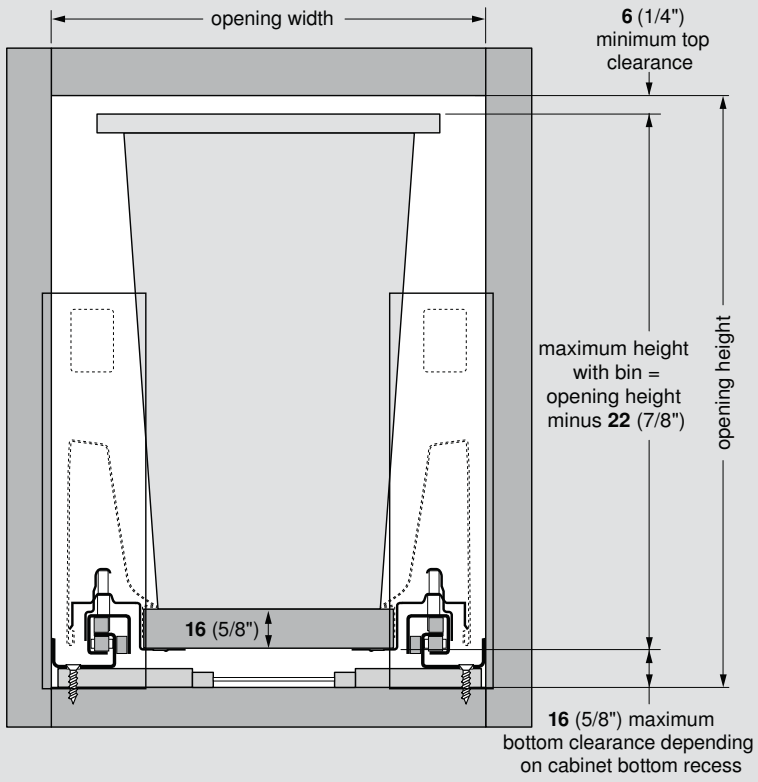
Specifications

SERVO-DRIVE inside

BLUMOTION inside

Drawer and cabinet specifications

Front view

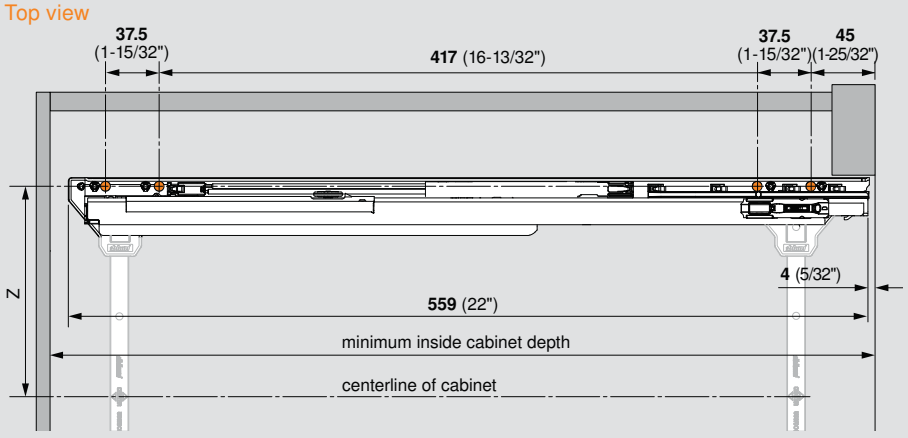

opening width
6 (1/4") minimum top clearance
maximum height with bin = opening height minus 22 (7/8")
opening height
16 (5/8")
16 (5/8") maximum bottom clearance depending on cabinet bottom recess

NOTE: Minimum opening height = **233** (9-3/16")

Waste/recycle set	356M55B7SAB	356M55B7SAD	356M55B7SAF
Z	**146.5** (5-25/32")	**184.5** (7-1/4")	**222.5** (8-3/4")
Min. opening width	**305** (12")	**381** (15")	**457** (18")

Set mounting specifications

Top view



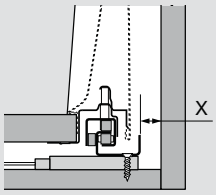
NOTE: Orange dots indicate pre-mounted screw locations. All four are required to meet specified load capacities.

Important

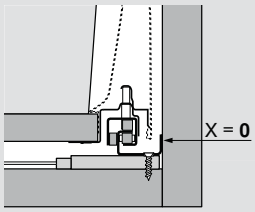
Bin width and height must be considered when designing your cabinet (see the diagram on the left).

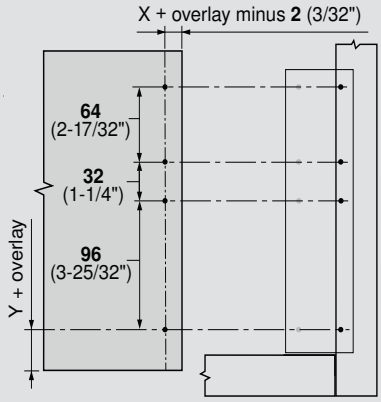
Drawer front attachment

Typical panel



Typical face frame





Cabinet bottom recess

	6 (1/4")	3 (1/8")	Flush
Y	**16** (5/8")	**19** (3/4")	**22** (7/8")

Minimum inside cabinet depth	
With SERVO-DRIVE	**574** (22-19/32")
Without SERVO-DRIVE	**569** (22-13/32")

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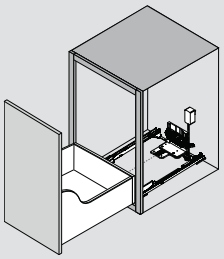
TANDEM waste/recycle set with SERVO-DRIVE

Application

Description

- Pre-assembled bottom mount set
- TANDEM plus BLUMOTION heavy duty full extension concealed drawer runners
- For 12", 15" and 18" minimum opening widths
- For **16** (5/8") max. drawer side thickness
- For face frame and panel applications
- Tool-free height and tilt adjustment
- Maximum **6** (1/4") cabinet bottom recess
- 125 lb static, 110 lb dynamic load rating
- SERVO-DRIVE touch-to-open feature

Basic components



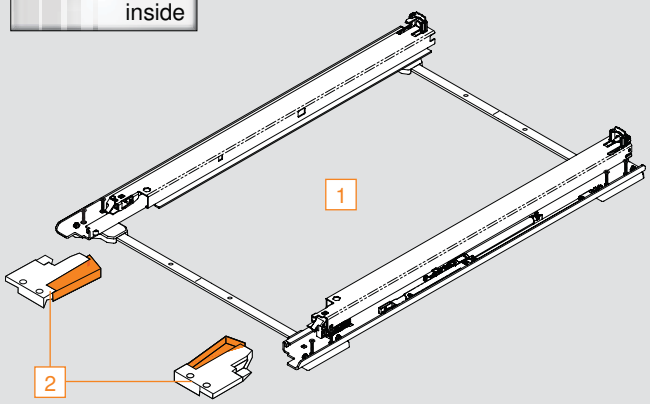
NOTE: Drawer and bins not included

Components

TANDEM waste/recycle set

SERVO-DRIVE inside

BLUMOTION inside

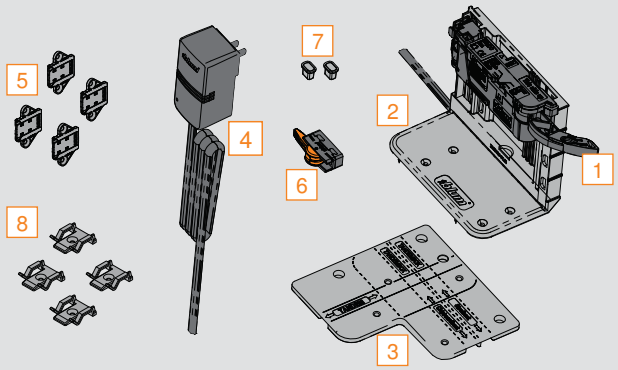


Set includes:

1. TANDEM plus BLUMOTION heavy duty runner set with pre-mounted #6 x 1" wood screws for installation (qty 8)
2. Standard locking device (qty 2) with #6 x 1/2" truss head wood screws for installation (qty 4)
- Installation template and instructions

TANDEM waste/recycle set	Drawer length	Part no.
For 12" min. opening width	**533** (21")	**568R5337BB**
For 15" min. opening width	**533** (21")	**568R5337BD**
For 18" min. opening width	**533** (21")	**568R5337BF**

SERVO-DRIVE waste/recycle set



Set includes:

1. Drive unit (pre-attached)
2. Double bottom bracket with #6 x 1" wood screws (qty 2)
3. Adapter plate
4. 110V plug-in power supply with six feet of universal cable
5. Screw-on distance bumpers (qty 4) with #6 x 5/8" wood screws for installation (qty 8)
6. INSERTA cable connector
7. Cable end protectors (qty 2)
8. Cable clips (qty 4)
- Installation template, instructions and user manual

SERVO-DRIVE waste/recycle set	Part no.
	Z10NA20UGUS

NOTE: Power supply will operate up to two drive units in a double bottom bracket application (second drive unit sold separately)

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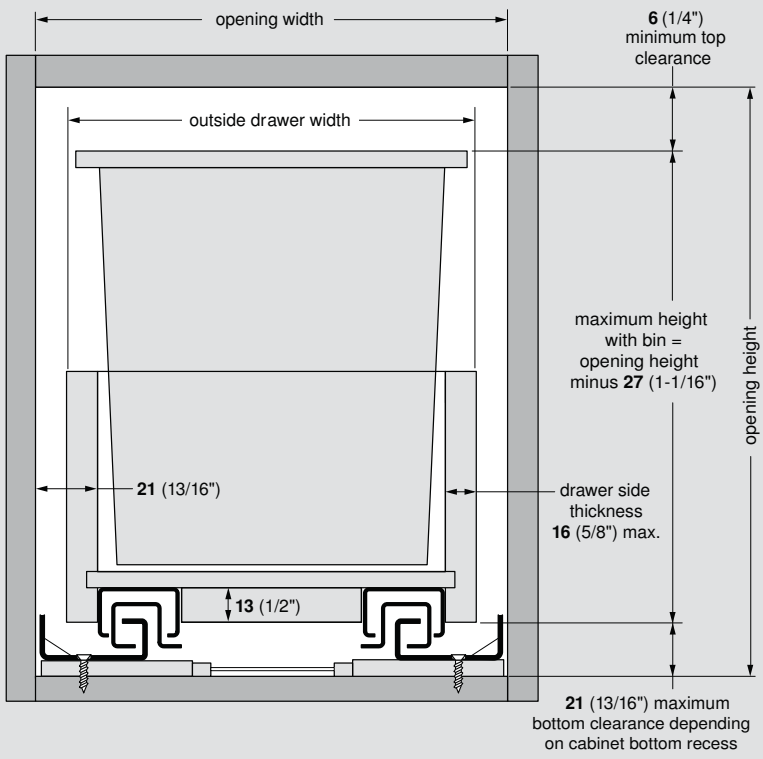
Specifications

SERVO-DRIVE inside

BLUMOTION inside

Drawer and cabinet specifications

Front view

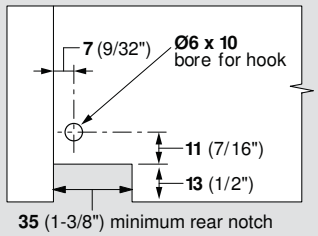

opening width
6 (1/4") minimum top clearance
outside drawer width
maximum height with bin = opening height minus 27 (1-1/16")
opening height
21 (13/16")
drawer side thickness 16 (5/8") max.
13 (1/2")
21 (13/16") maximum bottom clearance depending on cabinet bottom recess

Important

Bin width and height must be considered when designing your cabinet and drawer (see the diagram on the left).

Minimum inside cabinet depth	
With SERVO-DRIVE	**577** (22-23/32")
Without SERVO-DRIVE	**556** (21-7/8")

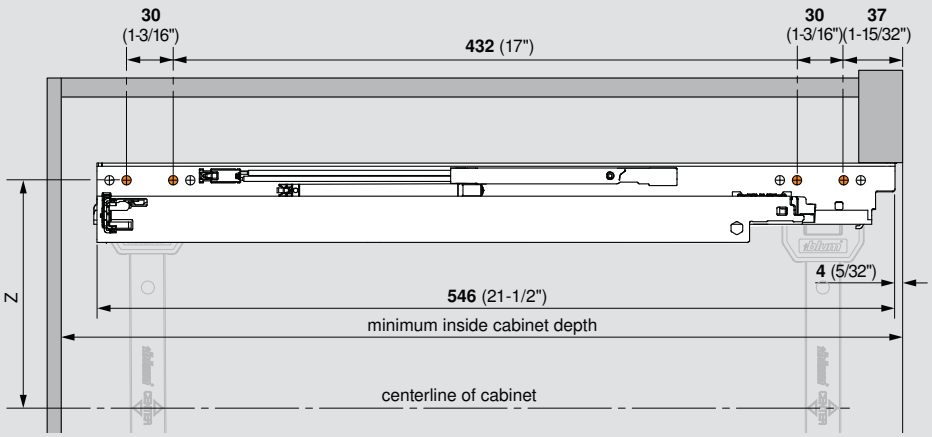
Drawer back preparation



Waste/recycle set	opening width	Z	For drawer side thickness				
			16 (5/8")	**15** (19/32")	**14** (9/16")	**13** (1/2")	**12** (15/32")
568R5337BB	**305** (12")	**141.5** (5-9/16")	**295** (11-5/8")	**293** (11-17/32")	**291** (11-15/32")	**289** (11-3/8")	**287** (11-5/16")
568R5337BD	**381** (15")	**179.5** (7-1/16")	**371** (14-19/32")	**369** (14-17/32")	**367** (14-7/16")	**365** (14-3/8")	**363** (14-9/32")
568R5337BF	**457** (18")	**217.5** (8-9/16")	**447** (17-19/32")	**445** (17-17/32")	**443** (17-7/16")	**441** (17-3/8")	**439** (17-9/32")
NOTE: Drawer length is **533** (21") for all sets			Outside drawer width				

Set mounting specifications

Top view



NOTE: Orange dots indicate pre-mounted screw locations. All four are required to meet specified load capacities.

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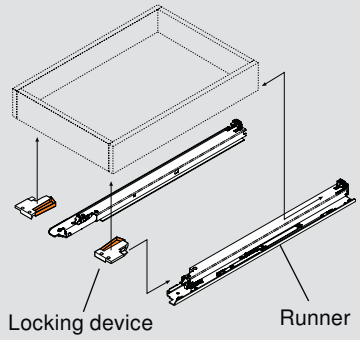
TANDEM plus BLUMOTION 568R
heavy duty bottom mount drawer runners

Application

Description

- Full extension bottom mount concealed drawer runners with BLUMOTION
- For **16** (5/8") max. drawer side thickness
- For face frame and panel applications
- Tool-free height and tilt adjustment
- Concealed roller carriages with permanently lubricated synthetic rollers create a smooth running action
- Locking devices enable easy drawer insertion and removal
- Force-guided right side and ±**1.5** (1/16") tolerance-compensating left side
- 125 lb static, 110 lb dynamic load capacity

Basic components



Applications

Bottom mount drawer

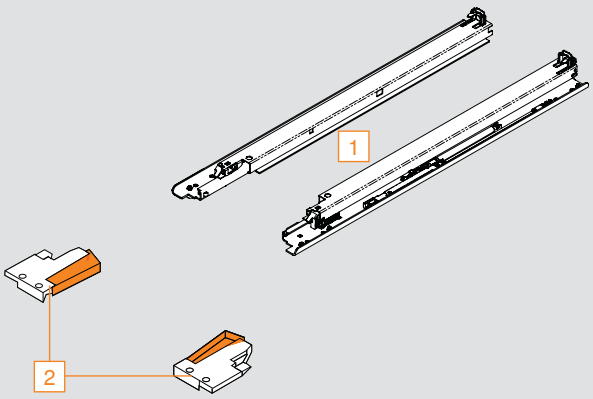
Interior roll-out

Roll-out shelf

Components

TANDEM plus BLUMOTION bottom mount runner set

BLUMOTION inside



Set includes:

1. TANDEM plus BLUMOTION heavy duty runner set with #6 x 5/8" wood screws for installation (qty 10)
2. Standard locking device (qty 2) with #6 x 1/2" truss head wood screws for installation (qty 4)
- Instructions

Overall cabinet depth	Drawer length	Extension loss	TANDEM plus BLUMOTION set
610 (24")	**533** (21")	**19** (3/4")	**568R5330B**

NOTE: These runners are for **16** (5/8") maximum drawer side thickness

Interior roll-outs and roll-out shelf applications

Interior roll-outs and roll-out shelf applications must be mounted to the bottom of the cabinet or to a fixed shelf/panel.

Rear mounting bracket for frame cabinets

Rear brackets and sockets cannot be used. Cabinet bottom must be flush with top surface of bottom rail.

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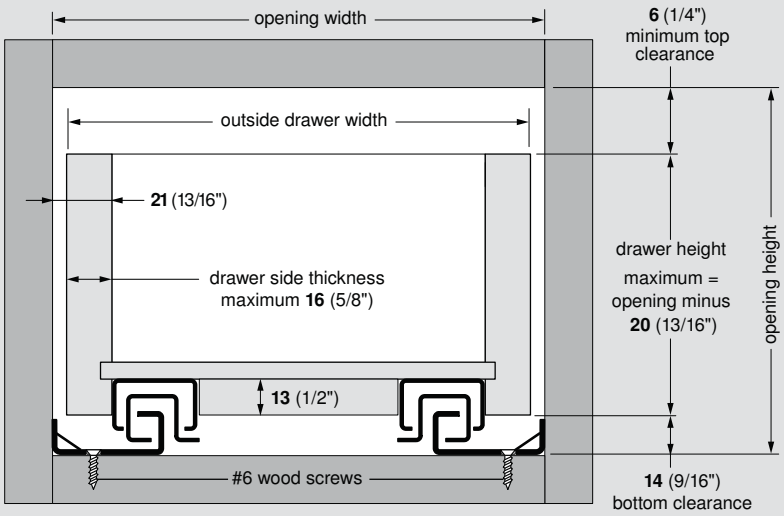
Specifications

BLUMOTION inside

Drawer and cabinet specifications

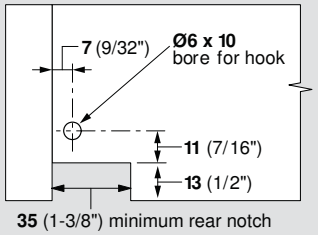
Front view



Calculating outside drawer width					
For drawer side thickness	**16** (5/8")	**15** (19/32")	**14** (9/16")	**13** (1/2")	**12** (15/32")
Deduct from inside cabinet width	**10** (13/32")	**12** (15/32")	**14** (9/16")	**16** (5/8")	**18** (23/32")

Example: For 21" inside cabinet width and a 5/8" thick drawer, 21" minus 3/8" = 20-5/8" drawer width

Drawer back preparation



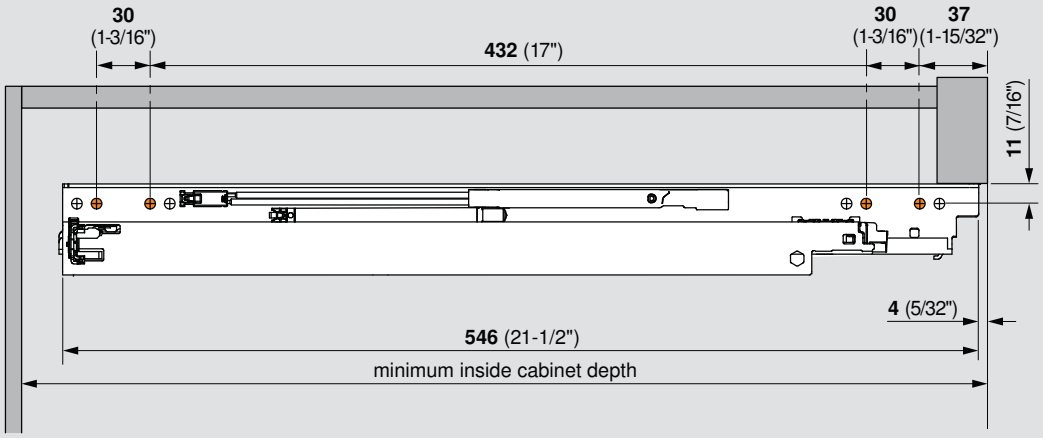
Runner comparison

568R – No vertical profile

568H – Vertical profile

Profile mounting specifications

Top view



NOTE: Orange dots indicate screw locations required to meet specified load capacities (minimum 4 screws)

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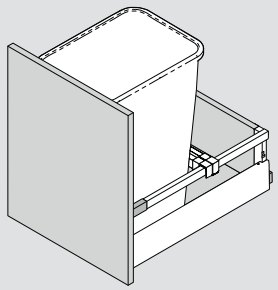
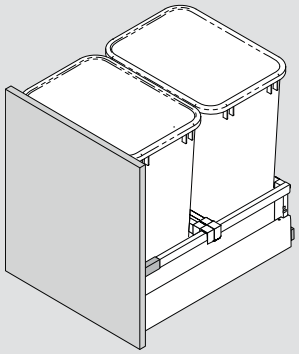
TANDEMBOX adjustments

Bin configurations

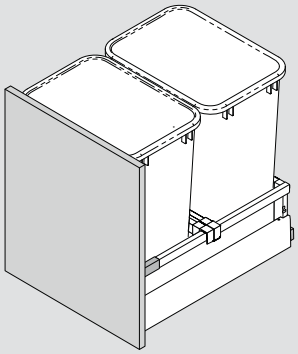
15" wide cabinet — one bin



18" wide cabinet — two bins



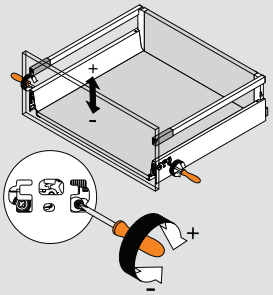
21" wide cabinet — two bins



Accommodates a wide range of standard bin sizes.

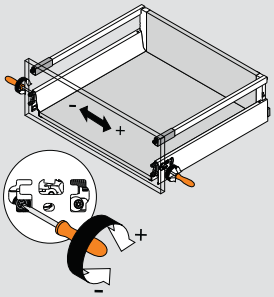
Drawer adjustment

Height adjustment



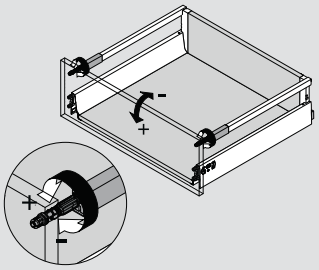
Use a Phillips screwdriver to adjust drawer front up or down as shown (+/- 2 mm). Repeat on left side if necessary.

Side adjustment



Use a Phillips screwdriver to adjust drawer front left or right (+/- 2 mm). Adjust left or right side equally by turning both toward or away from drawer front.

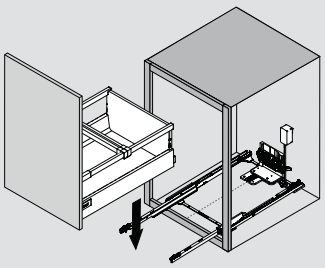
Tilt adjustment

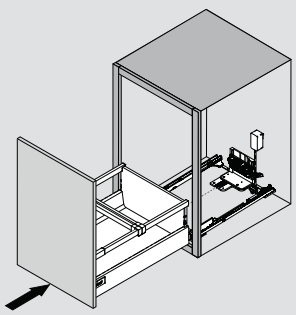


Slide gallery cover towards drawer back. Rotate orange adjustment piece as shown and slide cover back towards drawer front. Repeat on left side if necessary.

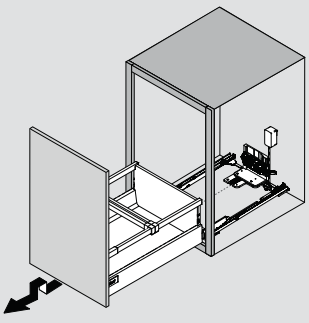
Drawer insertion and removal

Insertion





Removal



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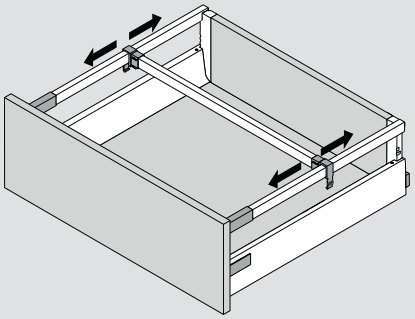
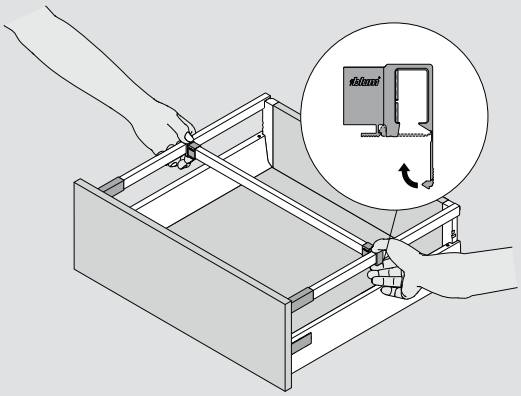
Cross rail adjustment

1 Slide to desired position

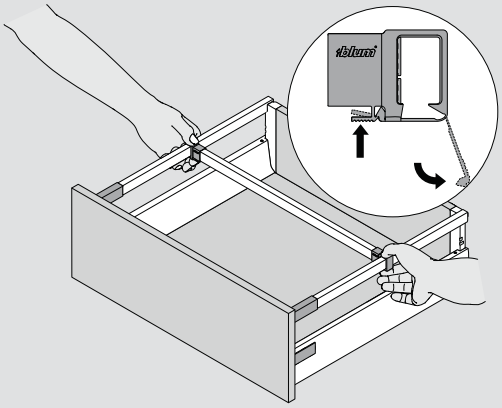


2 Lock cross rail into place

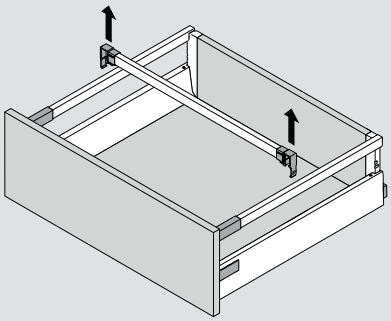


Cross rail removal

1 Unlock cross rail



2 Lift cross rail to remove



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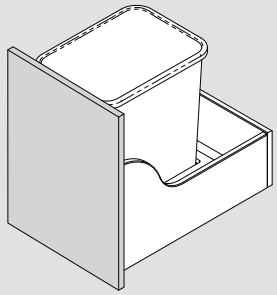
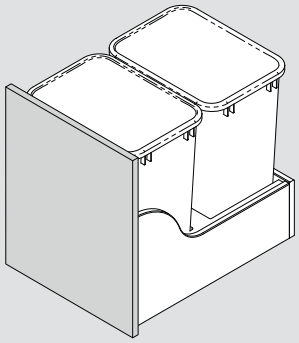
TANDEM adjustments

Bin configurations

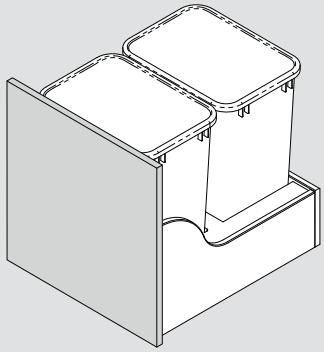
15" wide cabinet — one bin



18" wide cabinet — two bins



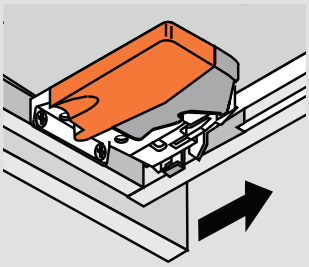
21" wide cabinet — two bins



Accommodates a wide range of standard bin sizes. Detailed drawings of recommended drawer box specifications are available at blum.com.

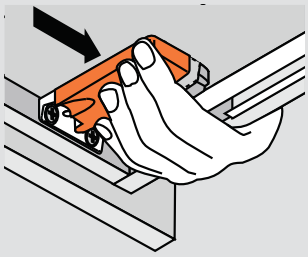
Drawer insertion and removal

Insertion



Place drawer on runners and close. Locking devices will automatically connect to runners.

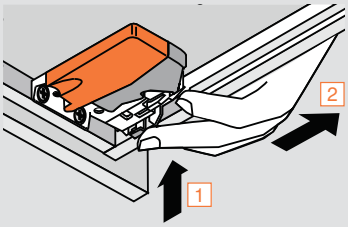
Removal



1 Squeeze orange handles on locking devices

2 Pull drawer straight out and up

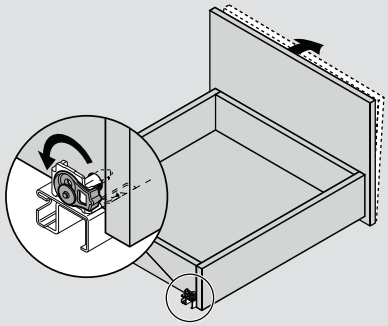
Height adjustment



1 Press up on adjustment tab

2 Push towards back of drawer
Maximum **3** (1/8") rise of drawer front

Tilt adjustment



Rotate the tilt adjustment lever on the rear of each runner to tilt top of drawer front forward. Maximum **5** (3/16") rise of drawer back.

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Why choose Blum

Blum, Inc. is a leading manufacturer of functional hardware for the kitchen cabinet and commercial casework industries specializing in lift systems, concealed hinges and drawer runner systems. Virtually all of the hardware needed to assemble and make cabinets functional is available within the wide range of quality Blum products. Blum supports the U.S. market with a network of more than 150 dependable distributors, 40+ knowledgeable Blum sales representatives and an experienced customer service department.

Commitment to manufacturing in the U.S.

Blum manufactures many of its products in our 450,000 sq ft manufacturing, logistics and warehouse facility located in Stanley, North Carolina. Manufacturing closer to the customer allows Blum to react quickly to changing customer needs including unexpected surges in demand. Customer pickups and deliveries can be timed to better match their production schedules. Blum is committed to manufacturing in the U.S. for the U.S. market.

Product development at Blum considers all of the various customers who will come in contact with our products. With this "Global Customer Benefits" philosophy we strive to create advantages for all users.

Blum, Inc. is ISO 9001 certified which means that you are assured of consistent quality in every Blum product. What's more they exceed the requirements of ANSI/BHMA standards for cycle life, static load and self-closing performance.

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